

II. Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1.(original): A dry powder inhaler for delivering a dose of medicament for inhalation by a user, including a drug entrainment device and a valve actuatable by a user to cause pressurised gas to flow through a dose of medicament disposed in the drug entrainment device to entrain said dose in the gas, the valve comprising a valve member configured such that, in a first mode, pressurised gas biases the valve member into an open state to allow the flow of gas through the valve and, in a second mode, pressurised gas biases the valve member into a closed state to prevent the flow of gas through the valve.

Claim 2. (original): An inhaler according to claim 1, wherein the valve is configured such that pressurised gas acts over both sides of the valve member when it is in the closed state.

Claim 3. (original): An inhaler according to claim 2, wherein the valve is configured such that pressurised gas acts over a larger cross-sectional area of one side of the valve member than the pressurised gas acting over the other side of the valve member to keep the valve member in the closed state.

Claim 4. (original): An inhaler according to claim 3, wherein the valve is configured such that the pressure acting over each side of the valve member is substantially the same when the valve member is in the closed state.

Claim 5. (currently amended): An inhaler according to ~~any preceding claim~~ claim 1, wherein the valve is configured such that the valve member moves from the closed state to the open state in response to a change in pressure of the gas

acting on one side of the valve member relative to the pressure acting on the other side of the valve member.

Claim 6. (currently amended): An inhaler according to ~~any of claims 2 to 5~~ claim 5, comprising a reservoir for pressurised gas and a valve orifice for the passage of pressurised gas from the reservoir through the drug entrainment device, a first side of the valve member forming a seal with the valve orifice when in the closed state such that pressurised gas in said reservoir acts over only a portion of said first side of the valve member defined by the cross-sectional area of the valve orifice.

Claim 7. (original): An inhaler according to claim 6, wherein the valve orifice is located at the mouth of a tube in communication with the reservoir, the tube including a valve seat at the end thereof for cooperation with said first side of the valve member to form a seal therewith when the valve member is in the closed state.

Claim 8. (original): An inhaler according to claim 7, wherein the valve is configured such that when the seal between the first side of the valve member and the valve seat is broken, the pressure of the gas in the reservoir acts over substantially the entire surface of the first side of the valve member to bias the valve member into the open state.

Claim 9. (currently amended): An inhaler according to ~~any of claims 6 to 8~~ claim 6, comprising a mechanism which is arranged to bias ~~means to bias~~ the valve member into a closed state when the pressure of the gas in the reservoir has been discharged through the valve.

Claim 10. (currently amended): An inhaler according to ~~any~~ claim 10, wherein ~~the biasing means~~ said mechanism comprises a spring.

Claim 11. (currently amended): An inhaler according to ~~any preceding claim 1,~~
~~wherein means are provided to~~ comprising a mechanism arranged to discharge the
pressure that biases the valve member into the closed state to cause the valve
member to move from the closed to the open state.

Claim 12. (currently amended): An inhaler according to claim 11, wherein the
valve includes a primary chamber in which pressure to bias the valve member into
the closed state is generated and said ~~means~~ mechanism ~~for discharging the~~
~~pressure that biases the valve member into the closed state~~ comprises a discharge
port in the primary chamber.

Claim 13. (currently amended): An inhaler according to claim 12, ~~including~~
~~means for opening~~ wherein the discharge port selectively opens to atmosphere.

Claim 14. (currently amended) An inhaler according to claim 13, wherein the
~~means for opening the~~ discharge port is opens to atmosphere via breath actuated
actuation.

Claim 15. (original): An inhaler according to claim 14, wherein the valve
includes a secondary valve member which is movable, in response to inhalation by
a user, from a first closed position in which the discharge port is not in
communication with the primary chamber to prevent discharge of the primary
chamber to the atmosphere, into a second open position in which the discharge
port is in communication with the primary chamber to discharge the primary
chamber to the atmosphere.

Claim 16. (original): An inhaler according to claim 15, wherein the secondary
valve member is configured such that the pressure in the primary chamber acts
over a smaller cross-sectional area of a first side of the secondary valve member
than the cross-sectional area of the other side of the valve member over which

atmospheric pressure acts, when the secondary valve member is in the closed position.

Claim 17. (currently amended): An inhaler according to claim 15 ~~or claim 16~~, comprising ~~a biasing mechanism, the biasing mechanism~~ biasing means to bias biasing the secondary valve member into a closed state when the pressure of the gas in the primary chamber has discharged through the discharge port.

Claim 18. (currently amended): An inhaler according to claim 17, wherein the biasing mechanism ~~biasing means~~ comprises a spring.

Claim 19. (currently amended): An inhaler according to ~~any of claims 15 to 17~~ claim 15, wherein the valve is configured such that the secondary valve member is in the closed position, to prevent the discharge of pressure from the primary chamber to the atmosphere, when the pressure acting over each side of the secondary valve member is substantially the same.

Claim 20. (currently amended): An inhaler according to ~~any of claims 15 to 19~~ claim 15, wherein the secondary valve member is a flexible diaphragm.

Claim 21. (currently amended): An inhaler according to ~~any of claims 12 to 20~~ claim 12, comprising ~~means~~ a source of pressurised gas or air, said source for charging the reservoir ~~with pressurised gas or air~~.

Claim 22. (currently amended): An inhaler according to claim 21, wherein the ~~means for charging the reservoir~~ source of pressurised gas or air is also operable to ~~charge~~ charges the primary chamber.

Claim 23. (original): An inhaler according to claim 22, wherein a conduit communicates the reservoir with the primary chamber.

Claim 24. (currently amended): An inhaler according to ~~any of claims 21 to 23~~
claim 21, wherein the ~~means for charging the reservoir is~~ source of pressurised gas
or air comprises a device selected from the group consisting of: a piston pump, a
multiple action pump charging an accumulator via a check valve, a canister of
compressed gas ~~or~~ and a canister of propellant ~~such as HFA~~.

Claim 25. (currently amended): An inhaler according to ~~any preceding claim~~ 1,
wherein the valve member is a flexible diaphragm.

Claim 26. (canceled)

Claim 27. (new): An inhaler according to claim 24, wherein said propellant is
HFA.